

North Dakota Train Derailments

Jeff Thompson

Casselton Train Derailment

- December 30, 2013
- -1 F wind chill -20 F
- 13 rail cars of Grain derail on the West bound track
- One grain car lands on East bound track
- Crude train hits grain car and derails 2 locomotives, one buffer, 20 oil
- 18 Crude cars rupture

Initial Call

Called in as grain train on fire

Next calls stated Ethanol on fire

Quickly spread through social media

Responders still identifying product



Command Post

First command post a $\frac{1}{4}$ mile away

Next post in school

Heat and cold both an issue



Public

Shelter in Place

Evacuate

Travel

Media



Monitoring

Air monitors

Pooling of liquid

Burning of product



Clean Up

BNSF

NDDOH

Federal Partners



Heimdal Train Derailment

- May 6, 2015
- 59 F
- Ten cars derailed
- Six cars rupture

Initial Call

Paged to Fire Dept. as a Grass Fire



Area of concern

Wetland

Command Post

Public



Monitoring

Equipment

BNSF

Federal

State



Training

Local

State



Mutual Aid

Know your neighbor

Think outside the box





What Did We Learn?

On Scene

Technology

Activate

Train



At State

Good Information

Prepared

Briefings



Questions?

Jeff Thompson

Hazardous Chemical Officer

jathompson@nd.gov

701-328-8216